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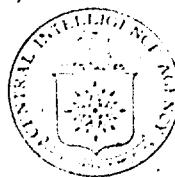
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February 1965

PHOTOGRAPHIC INTERPRETATION REPORT

HSIANG-HSIANG EXPLOSIVES COMPLEX CHINA

DECLASS REVIEW BY NIMA / DoD



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SUMMARY

25X1D Recent photography, including KEYHOLE
25X1D missions of [REDACTED]
25X1D indicates that construction is continuing at the
25X1D Hsiang-hsiang Explosives Complex, China. A
25X1D new rail spur, a transloading building, and 8
25X1D explosives storage buildings have been added
25X1D to the Loading and Storage Area since [REDACTED]
25X1D expansion is also evident in the Factory
25X1D Area and the Housing and Administration Area.
25X9 The most highly secured portion of the complex,
25X9 the Processing Area, has had the least amount
25X9 of new construction. [REDACTED]

Hsiang-hsiang, China, and 13 nm west-south-
west of Hsiang-tan at 27-50N 112-40E (Figure
1). This report describes the changes and new
construction at the complex since publication
of a previous report 1/ based on photography
of [REDACTED]

25X1D Construction has continued throughout the
25X1D complex (Figure 2). The most significant
25X1D additions have been in the Loading and Storage
25X1D Area where a new rail spur, an associated
25X1D new transloading building, and 8 explosives
25X1D storage buildings served by individual roads
25X1D have been added since the [REDACTED] coverage. In
25X1D the Factory Area a building under construction
25X1D in [REDACTED] has been completed, 7 new buildings
25X1D have been added, and another is under con-
25X1D struction. The Processing Area, the most
25X1D highly secured in the complex, has had the
25X1D least amount of new construction; 2 sup[REDACTED]

INTRODUCTION

The Hsiang-hsiang Explosives Complex is
located 9 nautical miles (nm) northeast of

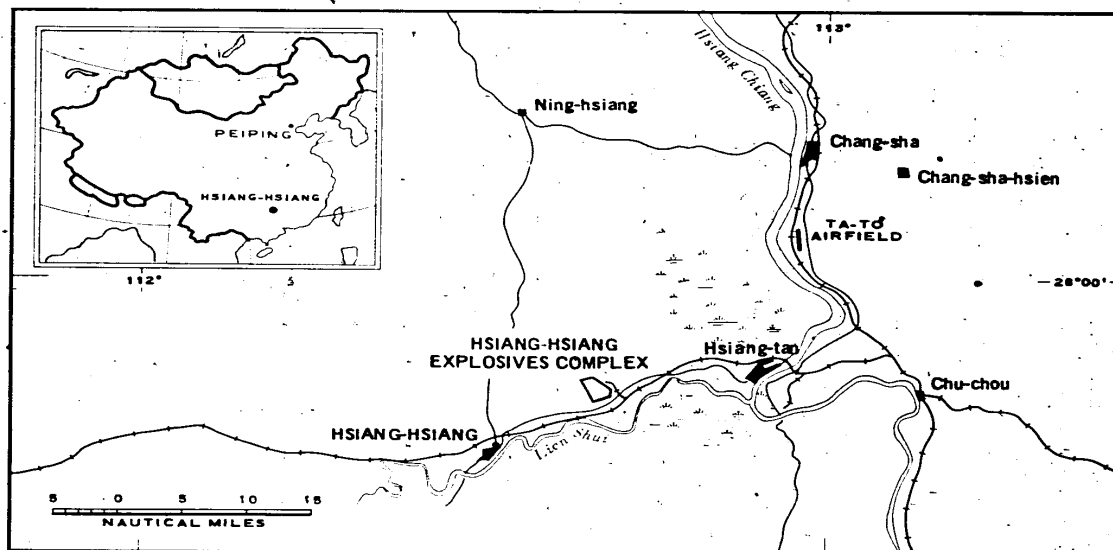


FIGURE 1. LOCATION OF HSIANG-HSIANG EXPLOSIVES COMPLEX, CHINA.

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FIGURE 2. HSIANG-HSIANG EXPLOSIVES COMPLEX

25X1D

25X1D

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storage buildings were added, 2 buildings were
revetted, and the inner security wall was
extended. Approximately 25 new single-story
multifamily structures have been added in 2
of the housing areas. No significant changes
have been observed since [REDACTED] in the
section designated Possibly Related Area.

25X1D

25X9

FACTORY AREA

The Factory Area (Figure 3) is located in
the northern portion of the complex and appears
to be entirely surrounded by a wall. Smoke
has never been observed coming from the
boilerhouse stack in this area. The laboratory-
type building under construction in the north-
west corner of the site in [REDACTED] has
been completed, but a nearby large building
which was also under construction at that time
was apparently still incomplete in [REDACTED].
At least 7 new buildings, 4 of which
are storage-type structures, have been con-
structed in the Factory Area, and another was
begun between [REDACTED]

25X1D

25X1D

25X1D

25X1D

A drainage canal was constructed to drain
a number of small ponds in the section north
and east of the Factory Area rail spur; the
drained land was subsequently filled and is
apparently an area of expansion. The 4 new
storage-type buildings and the building under
construction are located in this drained and
filled area, and existing roads were extended
into it. A new road was built along the west
margin of the drained area, parallel to the

rail spur. A number of new structures have
also been built east of the drained area, out-
side the security wall.

A separately secured area adjacent to the
southeast corner of the Factory Area contains
a series of interconnected buildings straddling
a loop road; this was previously designated
as a part of the Special Handling Facilities, 1/
but it now appears to be a motor pool for the
complex. It is outside the Factory Area
security wall, the separate security provisions
are neither complete nor significant, and ve-
hicles can be observed within the pool on
photography of both [REDACTED]

25X1D

25X1D

The Burn Area/Proof Yards, located across
the stream which borders the western edge
of the Factory Area, have not changed since
[REDACTED]. There is no evidence of any
high-explosives test points in this section.

A road from the Burn Area/Proof Yards
continues south about 1 nm to 4 buildings,
now designated Possibly Related Area (Figure
2) and formerly called New Construction. 1/
There is no apparent security around these
buildings, and the lengths indicate that the
buildings are probably storage structures. The
largest of the 4 measures 215 by 65 feet;
an open portion in the roof area of this build-
ing has not changed since photography of [REDACTED]

25X1D

PROCESSING AREA

The Processing Area (Figure 4) is located
approximately 1 nm south of the Factory Area
and is connected to it by a rail spur and a
hard-surface road. There has been relatively
little new construction in the Processing Area
since the [REDACTED] photography. 1/ Although
this area was the most highly secured at the
complex in [REDACTED] security provisions have
been further strengthened since that time.

25X1D

25X1D

25X1D

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25X1D The inner security wall was extended to
enclose the south side of the area; this new
section of wall was first identified on pho-
25X1D tography of [REDACTED]. The fence outside
the wall has apparently not been changed,
but the southwest corner of the fence inside
the wall was removed. A bridge observed
25X1D on [REDACTED] photography near this corner of the
area was removed prior to photography of
25X1D [REDACTED] and roads serving the bridge were
abandoned and the land returned to cultivation.
This would indicate that the bridge was tem-
porary and used only to transport construction
materials across the stream to the site.

25X1D Only 2 new buildings have been added to
the Processing Area, and both are apparently
support or storage structures. These build-
25X1D ings were constructed between [REDACTED]
25X1D [REDACTED] during the same time period
earth revetments were added to 2 nearby
buildings which were present in [REDACTED]

A feature previously identified as the trans-
loading platform 1/ was apparently the early
construction stage of an apron for the trans-
loading facility. The apron was complete by
the time of the most recent coverage, but not
as discernible as on previous photography.
This darker appearance suggests that the apron
has been black topped and therefore blends
with the adjacent vegetation.

LOADING AND STORAGE AREA

25X1D The storage capacity of the Loading and
Storage Area, which is situated in hills north-
east of the Processing Area, has been increased
significantly since [REDACTED] (Figure 5).
There have not been any changes in the area
security provisions.

A new transloading building measuring 180
by 45 feet was built near the southern entrance
to the area, and a new rail spur was constructed
to the building. Both the building and the rail

spur were added to the area between [REDACTED]
[REDACTED] during the same period
a new road was constructed around the trans-
loading building. 25X1D

Eight new explosives storage buildings of
various sizes have been added to the area since
[REDACTED] These buildings, which 25X1D
dividually served by new roads, are located in
small valleys; this terrain provides good blast
protection. Five of the buildings were con-
structed between [REDACTED]
1 between [REDACTED] and 2
between [REDACTED] 25X1D
The last 2 were probably still under construction,
but the small scale of the photography limits
interpretation of details. The 3 larger build-
ings and the smaller building nearest to them
are circled by narrow trails or ditches.

25X1D New construction began after photography
of [REDACTED] at a location in the eastern
section of the area. This new construction
consists of a rectangular scarred area and
road construction. The road pattern indicates
that additional storage buildings will probably
be built in this area.

HOUSING AND ADMINISTRATION AREA

25X1D New multifamily dwellings have been added
to the Housing and Administration Area and
the Secondary Housing Area South (Figure 2)
since photography of [REDACTED]. No signifi-
cant changes were observed in the admin-
istration section, and no additional apartment
buildings have been constructed.

25X1D Three large shops in the northwest corner
of the Housing and Administration Area, ob-
served on [REDACTED] photography, were razed
and 9 single-story multifamily structures re-
placed them. Additions were built on 8 near-
by structures, doubling their size. Approx-
imately 16 single-story multifamily structures
have been added to the Secondary Housing
Area South.

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25X1D

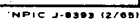


FIGURE 5. LOADING AND STORAGE AREA.

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REFERENCES

25X1C
25X1D



MAPS OR CHARTS

ACIC. USAF Operational Navigation Chart, Sheet ONC-H-11, 2d classified ed, 25 Mar 63, scale 1:1,000,000.
(CONFIDENTIAL)

DOCUMENTS

1. NPIC. R-1029 '62, *Hsiang-hsiang Explosives Complex Near Hsiang-t'an, China*, Jul 62 (SECRET/No Foreign Dissem)

REQUIREMENT

CIA/OSI. C-SIS-82,158

NPIC PROJECT

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